

## **WiFi Repeater/Router – Full Specifications**

### **Features**

Internet connection through an RJ-45 WAN port.

Local network connection through one 10/100Mbps Ethernet port.

DHCP for dynamic IP configuration.

Firewall with Stateful Packet Inspection, client privileges, and NAT.

NAT also enables multi-user Internet access via a single user account, and virtual server functionality (providing protected access to Internet services such as Web, FTP, e-mail, and Telnet).

VPN pass-through (IPsec, PPTP, or L2TP).

User-definable application sensing tunnel supports applications requiring multiple connections.

Easy setup and management through web browser interface on any operating system that supports TCP/IP.

Compatible with all popular Internet applications.

### **Applications**

**Wired LAN** — This USB WiFi Repeater provides connectivity to wired Ethernet devices, making it easy to create a network in small offices or homes.

**Internet Access** — This device supports Internet access through a WAN connection. As many DSL providers use PPPoE, PPTP, or L2TP to establish communications with end users, the USB WiFi Repeater includes built-in clients for these protocols, eliminating the need to install these services on your computer.

**Shared IP Address** — The USB WiFi Repeater provides Internet access for up to 253 users using a single shared IP address account.

**Virtual Server** — If you have a fixed IP address, you can set the USB WiFi Repeater to act as a virtual host for network address translation. Remote users access various services at your site using a static IP address. Depending on the requested service (or port number), the USB WiFi Repeater can route the request to the appropriate server (at another internal IP address). This secures your network from direct attack by hackers, and provides more flexible management by allowing you to change internal IP addresses without affecting outside access to your network.

**DMZ Host Support** — Allows a networked computer to be fully exposed to the Internet. This function is used when NAT and firewall security prevent an Internet application from functioning correctly.

**Security** — The USB WiFi Repeater supports security features that deny Internet access to specified users, or filter all requests for specific services. WPA (Wi-Fi Protected Access) and MAC filtering provide security over the wireless network.

**Virtual Private Network (VPN) pass-through** — The USB WiFi Repeater supports the pass-through of three of the most commonly used VPN protocols – IPsec, PPTP, and L2TP. These protocols allow remote users to establish a secure connection to another network. If your service provider supports VPNs, these protocols can be used to create an authenticated and encrypted tunnel for passing secure data over the Internet (that is, a traditionally shared data network).

**IPsec (Internet Protocol Security)** — Encrypts and authenticates entire IP packets and encapsulates them into new IP packets for secure communications between networks.

**PPTP (Point-to-Point Tunneling Protocol)** — Provides a secure tunnel for remote client access to a PPTP security gateway. PPTP includes provisions for call origination and flow control required by ISPs.

**L2TP (Layer 2 Tunneling Protocol)** — Merges the best features of PPTP and the Layer 2 Forwarding (L2F) protocol. Like PPTP, L2TP requires that the ISP's routers support the protocol.

### **Antenna**

5dB dipole antenna included

Reverse SMA connector

### **WiFi Standards**

802.11n

### **Size**

10cm x 7.2cm x 2.5cm

### **Power Supply**

12V 1Amp

### **Weight**

Unit Only 81g

Boxed Weight 344g